

Recombinant Ramazzottius varieornatus DSUP Protein

Catalog No.: RP01998LQ Recombinant

Sequence Information

Species Gene ID

P0DOW4

Swiss Prot

Ramazzottius [] varieornatus

Tags

N-His-sumo []C-Flag

Synonyms

Damage suppressor protein; Dsup; RvY 17224

Product Information

Source *E. coli*

Purification

≥ 95 % as determined by SDS-PAGE;≥ 95 % as determined by

HPLC.

Calculated MW Observed MW

Endotoxin

Please contact us for more information.

Formulation

 $0.22 \mu m$ filtered solution of PBS, pH 7.4.

Reconstitution

Background

Unique chromatin-associating protein that contributes to the organism's exceptional tolerance to harsh environmental stresses Protects chromatin from damage caused by hydroxyl radical-mediated cleavage induced by X-rays or treatment with hydrogen peroxide .Shields also DNA against reactive oxygen species .

Basic Information

Description

Recombinant Ramazzottius varieornatus DSUP Protein is produced byE. coli cells expression system. The target protein is expressed with sequence (Met1-Lys445) of Human CR2/CD21 (Accession #P0DOW4) fused with His-sumo tag at the N-terminus and Flag tag at C-terminus. .

Bio-Activity

Shipping

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -70°C. This product is stable at \leq -70°C for up to 1 year from the date of receipt. For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature. Avoid repeated freeze-thaw cycles. Avoid repeated freeze/thaw cycles.

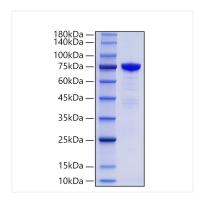
Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

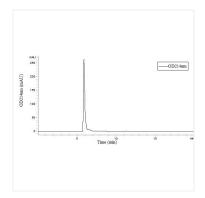
Contact

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Validation Data



Recombinant Ramazzottius varieornatus DSUP Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



The purity of Recombinant Ramazzottius varieornatus DSUP Protein is greater than 95% as determined by SEC-HPLC.